ABSTRACT

A molding method for moldable bio-substance materials comprises crushing the bio-substance materials into an incompact state, and then extruding and molding the same. There is at least a wedged extruding cavity is formed between the extruding head and the extruding surface of the molding die. The movement between the extruding head and the extruding surface of molding die is a differential speed movement, and the particles of the materials are extruded between these two surfaces and are grinded, twisted up, stretched, flaked, and then extruded to the small end of the wedged extruding cavity, and further into the molding cavity of molding die to be molded therein. The molding method and equipment of this invention can give the molded product certain strength and water-fastness without using any chemical binders. It is convenient for storing the product and keeping the product in a functional state, and thus it minimizes the cost for fabrication, transportation and storage.